

Title (en)
LINE OF SIGHT HOSE COVER

Title (de)
ZWEISCHICHTIGE SCHLAUCHUMMANTELUNG

Title (fr)
ENVELOPPE DE TUYAU SOUPLE À VISIBILITÉ DIRECTE

Publication
EP 2223001 A4 20100929 (EN)

Application
EP 09716844 A 20090115

Priority
• US 2009031145 W 20090115
• US 4059608 A 20080229

Abstract (en)
[origin: USRE45673E] A hose cover for a high pressure hose is disclosed. The hose cover includes an outer sheath and an inner sheath disposed within the outer sheath. The inner and outer sheaths have a woven construction, each have a plurality of warp threads, and a weft thread that is interwoven between the warp threads. The weft thread is woven between the warp threads of the inner and outer sheaths in a pattern such that weft thread is shared between the inner and outer sheath and the inner and outer sheaths are interwoven together.

IPC 8 full level
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Citation (search report)
• [X] EP 0214835 A2 19870318 - ANGUS FIRE ARMOUR LTD [GB]
• [X] EP 0481772 A1 19920422 - NIPPON OIL CO LTD [JP]
• [X] US 4174739 A 19791120 - HOWARD GORDON H [US], et al
• [A] US 5843542 A 19981201 - BRUSHAFER ROBERT J [US], et al
• [A] FR 2583072 A1 19861212 - APPLIC REALISA TISSUS INDL [FR]

Cited by
WO2014057029A1

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ES 2362264 T3 20110630; HK 1142651 A1 20101210; JP 2011511913 A 20110414; JP 5235219 B2 20130710; KR 101250586 B1 20130403;
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HK 10109027 A 20100921; JP 2010545919 A 20090115; KR 20107018986 A 20090115; MX 2010008133 A 20090115;
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